Seattle Department of Construction & Inspections
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6755278-CN Revised Plan Sheets_Cycle1_VE.pdf Markup Summary 5-6-2022

Shomari Anderson (7)

Subject: General
Page Index: 3
Status:
Author: Shomari Anderson
X: 9.6393 in
Y: 14.7618 in
Layer: Review Comment
Review Type: Drainage

Please update the DWC and OSM calculator to the 2021 code calculator.

Subject: PE Evaluation & Certification Required
Page Index: 3
Status:
Author: Shomari Anderson
X: 10.3113 in
Y: 17.2890 in
Layer: Review Comment
Review Type: Drainage

If you intend to reuse existing side sewer, an Evaluation and Certification of the existing side sewers by a Professional Engineer is necessary because the existing side sewer/s were installed prior to 2004. SS Code 21.16.240 and the Requirements for Design and Construction of Side Sewers Director's Rule (DR 4-2011) detail the requirements for use of an existing side sewer. In summary, a civil engineer must evaluate and certify the existing side sewer; if the side sewer is 50 years or older, the side sewer will need to be lined; if the existing side sewer is less than 50 years old, the side sewer must either be lined or the Evaluation and Certification process must include a pressure test.

Please add a very clear, boxed note added to the Drainage and Wastewater Control Plan that the existing side sewer must be Evaluated and Certified by a Professional Engineer and either rehabilitated (i.e. lined) or pressure tested all the way to the public mainline in the street.

The completed Evaluation and Certification form must be submitted to the inspector during construction. The form is available with the following link:
http://www.seattle.gov/dpd/permits/permittypes/sidesewer/default.htm

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Subject: General
Page Index: 3
Status:
Author: Shomari Anderson
X: 10.2460 in
Y: 16.1626 in
Layer: Review Comment
Review Type: Drainage

Please show sanitary connection on the DWC plan sheet.

Subject: SPU 158-year Time Series
Page Index: 3
Status:
Author: Shomari Anderson
X: 10.4092 in
Y: 18.3827 in
Layer: Review Comment
Review Type: Drainage

Please revise the Flow Control Calculations in the Drainage Report to use the SPU 158-year Evaporation/Precipitation Time Series per the requirements in Appendix F of the Seattle Stormwater Manual, Section F-4 “Precipitation Input”. For instructions to select this time series in WWHM, see the "For Professional Engineers" section of the SDCI Stormwater Code website.

Subject: Non-listed Creek Flow Control Pre-developed Pasture Standard
Page Index: 3
Status:
Author: Shomari Anderson
X: 10.4255 in
Y: 19.6397 in
Layer: Review Comment
Review Type: Drainage

Since this project discharges to a Non-listed Creek Basin and the total new plus replaced hard surface is 5,000 square feet or greater, it is required to provide flow control meeting the Pre-developed Pasture Standard per Seattle Stormwater Manual Volume 1, Sections 4.4.3.3 and 5.3.3. Please demonstrate how this flow control standard will be met on the plans and in the Drainage Report.

Note: Projects with less than 10,000 square feet of new plus replaced hard surface may use the Pre-Sized Flow Control Calculator in lieu of performing a hydrologic analysis using a continuous rainfall-runoff model. The Pre-Sized Flow Control Calculator is available on the Stormwater Code webpage at http://www.seattle.gov/sdci/codes/codes-we-enforce-(a-z)/stormwater-code.

Subject: Capacity Constrained - Peak Flow Control Standard
Page Index: 3
Status:
Author: Shomari Anderson
X: 10.4419 in
Y: 20.8477 in
Layer: Review Comment
Review Type: Drainage

Since this development site discharges to a downstream system that is considered to be Capacity Constrained and the total new plus replaced hard surface is 2,000 square feet or more, the Peak Flow Control Standard is required per the Seattle Stormwater Manual Vol. 1, Section 4.4.3.5 Note: the Peak Flow Control Standard was changed in the 2021 Stormwater Code to a more stringent standard per Section 5.3.5.

Please demonstrate on the Preliminary DWC Plan how the Peak Flow Control Standard will be achieved and include the calculations in the Preliminary Drainage Report.

Also Note: Projects with less than 10,000 square feet of new plus replaced hard surface may use the Pre-Sized Flow Control Calculator in lieu of performing a hydrologic analysis using a continuous rainfall-runoff model. The Pre-Sized Flow Control Calculator is available on the Stormwater Code webpage at
http://www.seattle.gov/sdci/codes/codes-we-enforce-(a-z)/stormwater-code

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Subject: Submit MDC
Page Index: 7
Status:
Author: Shomari Anderson
X: 0.9535 in
Y: 2.0270 in
Layer: Review Comment
Review Type: Drainage

A Memorandum of Drainage Control (MDC) is required prior to approval of this building permit per SMC 22.807.020 B.1.d.
Please submit a corrected draft (i.e. completed, but not recorded) Memorandum of Drainage Control (MDC) for review. The form is available on Stormwater Code webpage under "Forms and Documents"…
http://www.seattle.gov/sdci/codes/codes-we-enforce-(a-z)/stormwater-code

Once approved by this reviewer, the MDC may be revised based on this correction cycle and must be signed and notarized by the owner and recorded with King County prior to approval of Drainage Review for this permit.

Note: Exhibit A for the MDC is generated by the On-site Stormwater Management Calculator. Attach Exhibit A to the MDC form at the link found above.